Docket No. 20030001

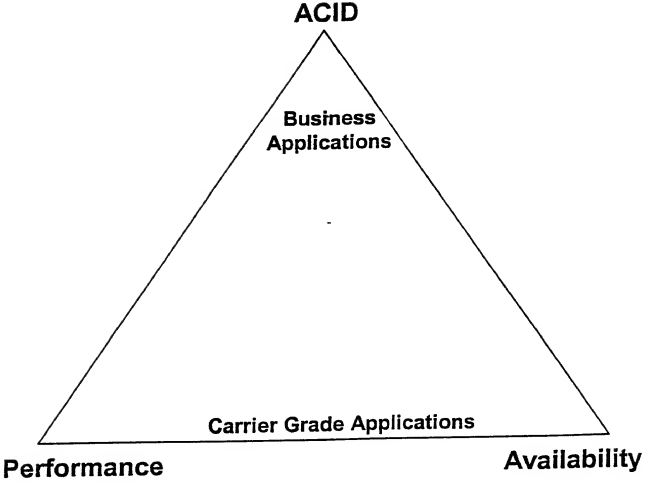

FIGURE 1
(Prior Art)

[illegible]

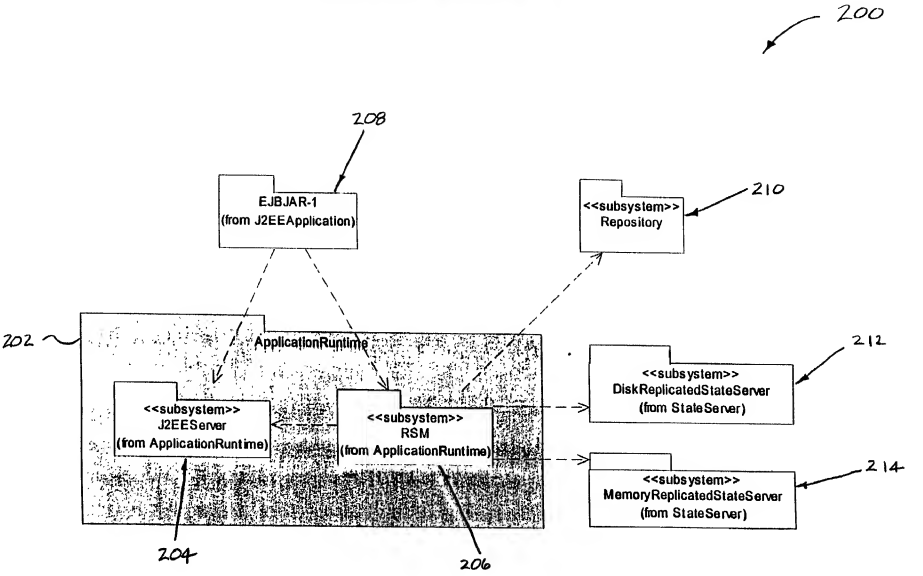
200
208
EJBJAR-1
(from J2EEApplication)
<<subsystem>>
Repository
210
202
ApplicationRuntime
212
<<subsystem>>
DiskReplicatedStateServer
(from StateServer)
<<subsystem>>
J2EEServer
(from ApplicationRuntime)
<<subsystem>>
RSM
(from ApplicationRuntime)
214
<<subsystem>>
MemoryReplicatedStateServer
(from StateServer)
204
206

Fig. 2

EXPRESS MAIL NO. EV339176660

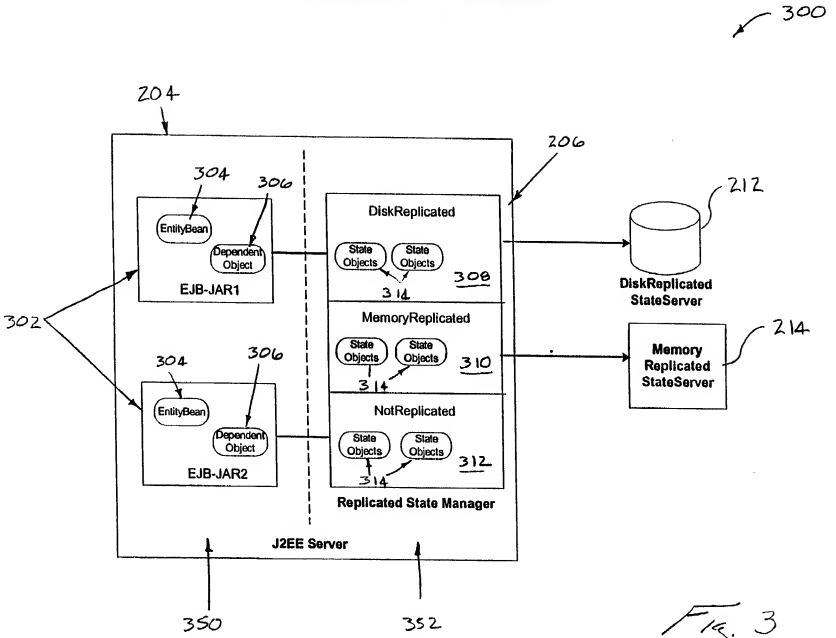

Fig. 3

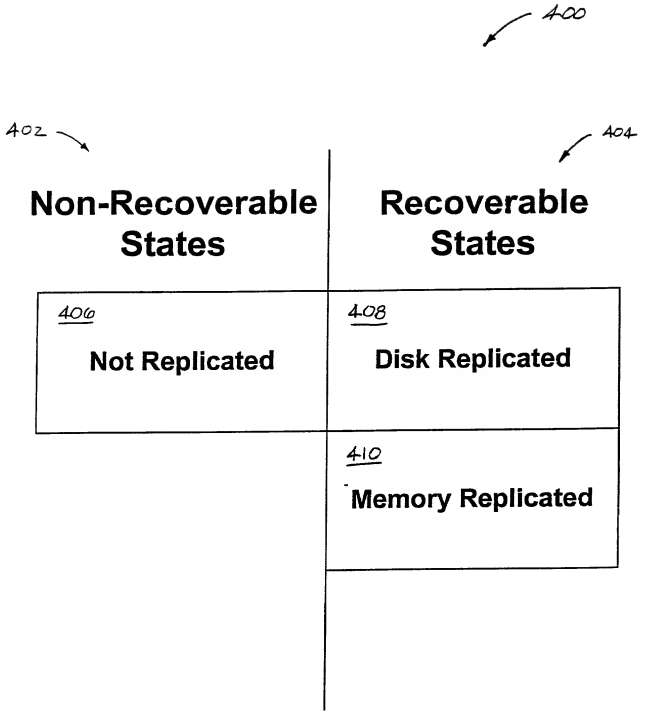
400
402
404
Non-Recoverable States
Recoverable States
406
Not Replicated
408
Disk Replicated
410
Memory Replicated

FIG. 4

TOUCHDOWN SHEET

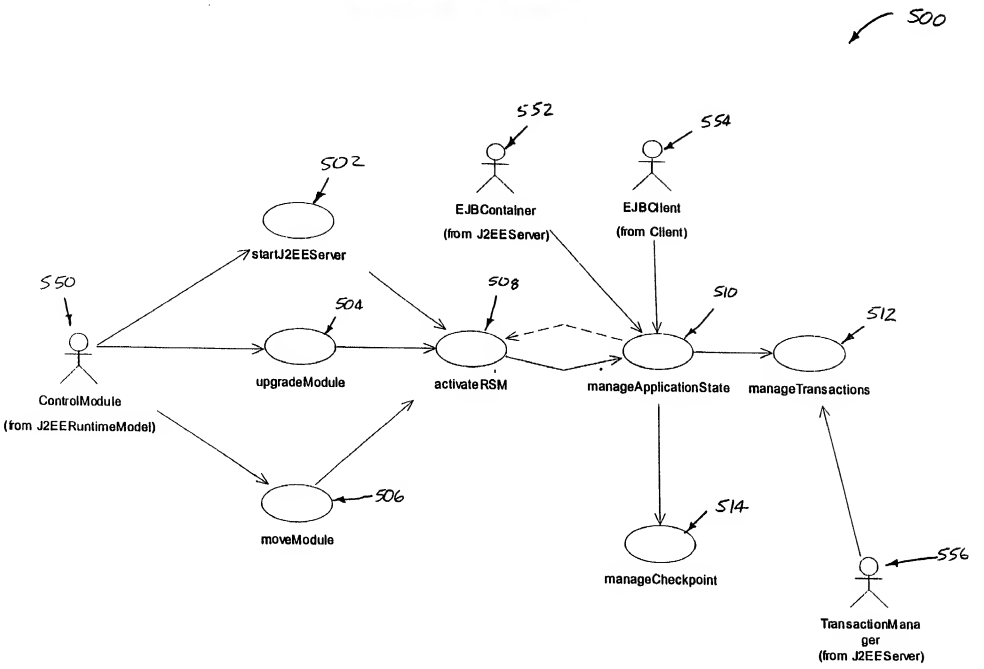

Fig. 5

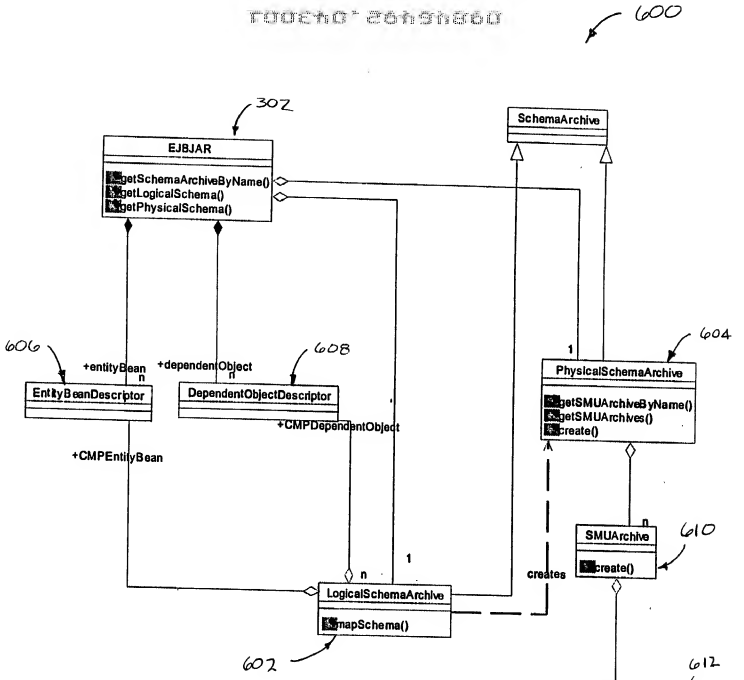
600
302
EJBJAR
getSchemaArchiveByName()
getLogicalSchema()
getPhysicalSchema()
SchemaArchive
606
+entityBean
n
+dependentObject
n
608
EntityBeanDescriptor
DependentObjectDescriptor
+CMPDependentObject
+CMPEntityBean
1
604
PhysicalSchemaArchive
getSMUArchiveByName()
getSMUArchives()
create()
n
SMUArchive
610
create()
creates
n
1
LogicalSchemaArchive
mapSchema()
602
612
+managedStateObjects
n
StateObjectDescriptor

Fig. 6

FOCENO 20090800

700

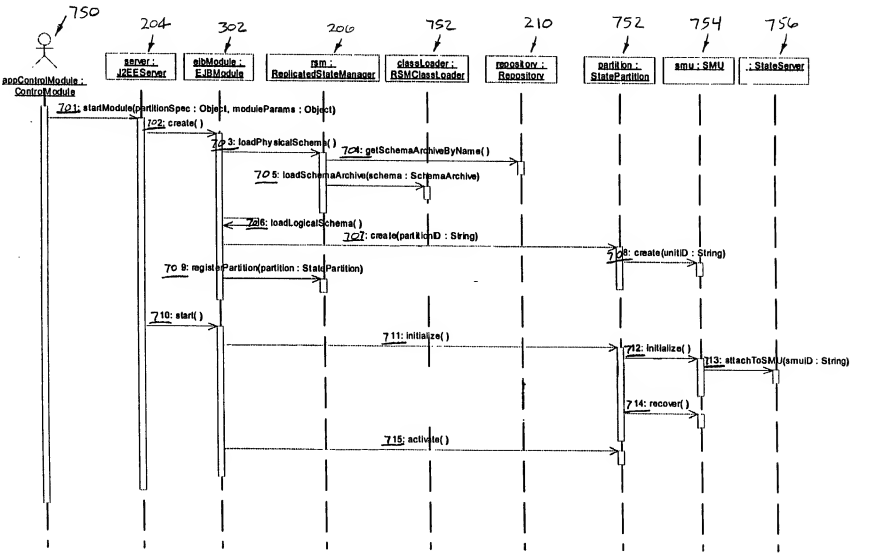

Fig 7

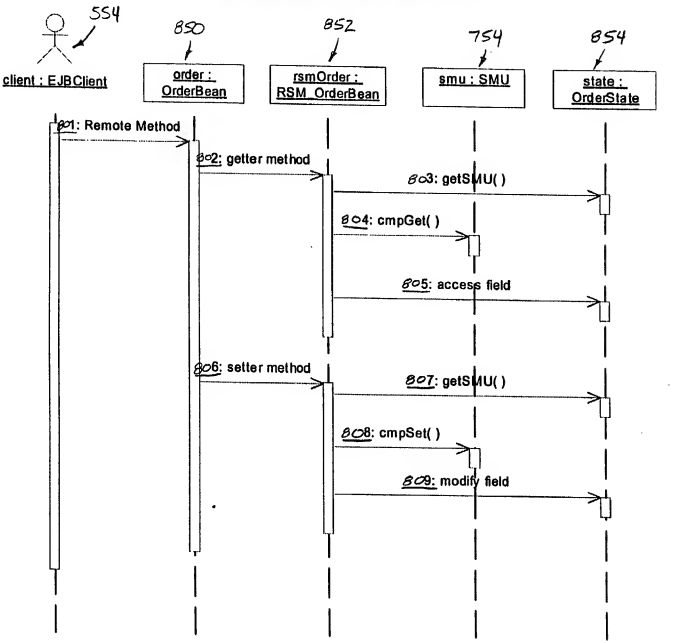
554
client : EJBClient
850
order : OrderBean
852
rsmOrder : RSM_OrderBean
754
smu : SMU
854
state : OrderState
801: Remote Method
802: getter method
803: getSMU( )
804: cmpGet( )
805: access field
806: setter method
807: getSMU( )
808: cmpSet( )
809: modify field

Fig. 8

FOREIGN PATENT DOCUMENT

900

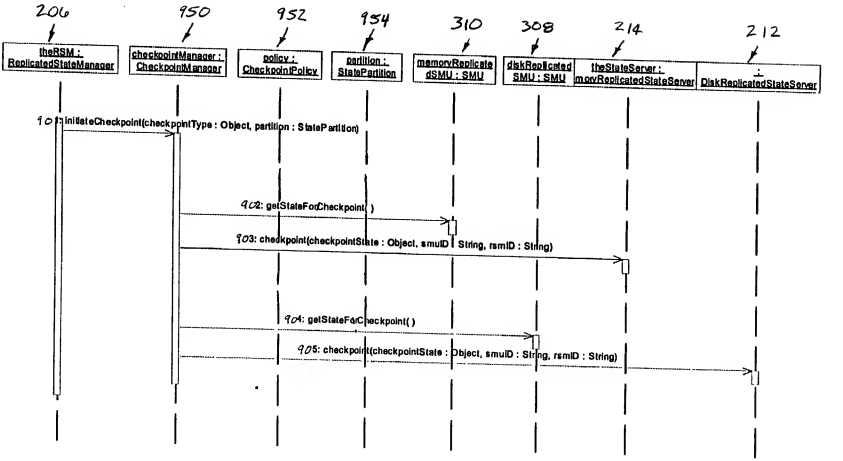

Fig 9

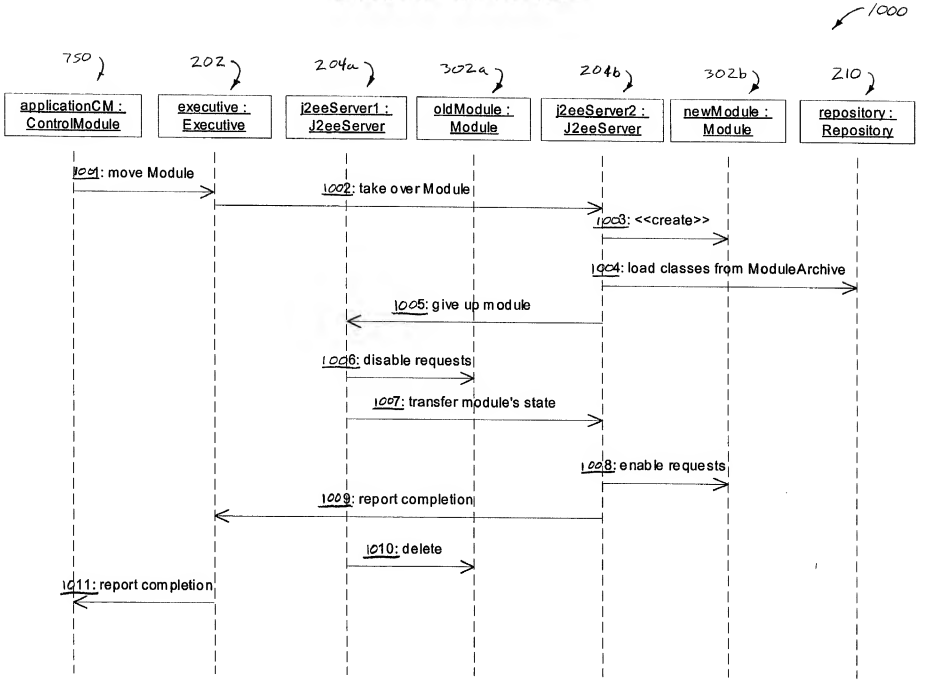
1000
750
202
204a
302a
204b
302b
210
applicationCM : ControlModule
executive : Executive
j2eeServer1 : J2eeServer
oldModule : Module
j2eeServer2 : J2eeServer
newModule : Module
repository : Repository
1001: move Module
1002: take over Module
1003: <<create>>
1004: load classes from ModuleArchive
1005: give up module
1006: disable requests
1007: transfer module's state
1008: enable requests
1009: report completion
1010: delete
1011: report completion

Fig. 10

Docket No. 28994/38260

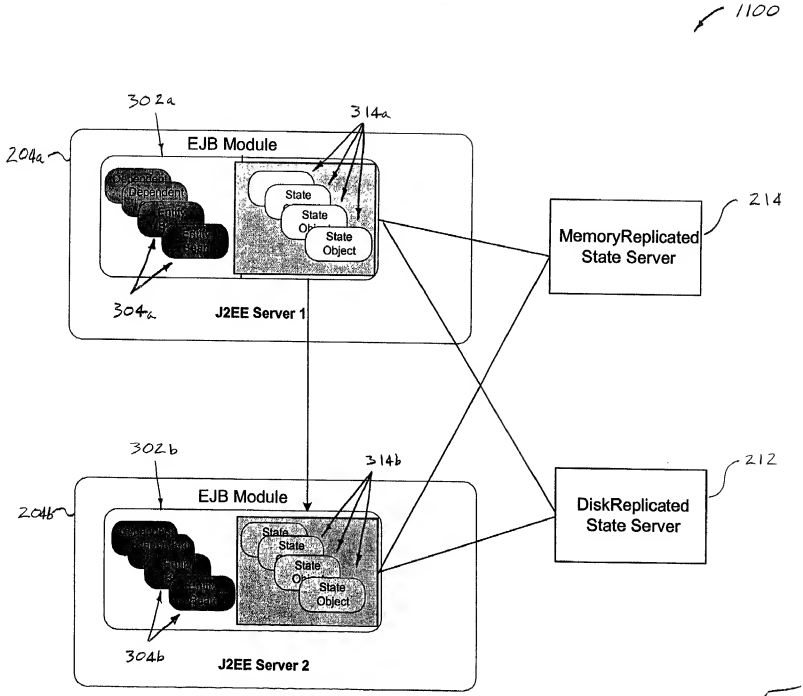

Fig. 11

FOREIGN PATENT DOCUMENTS

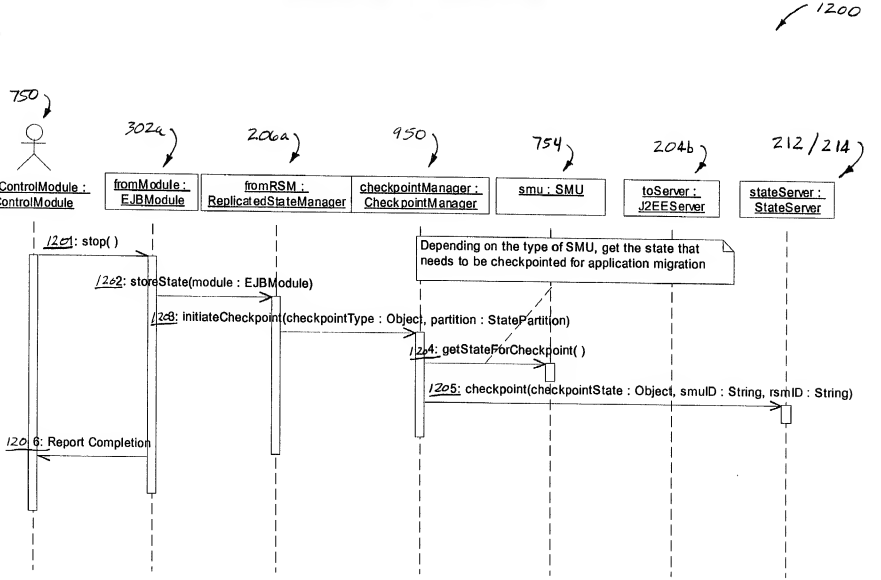

Fig. 12

TOCHO 20n9n800

1300

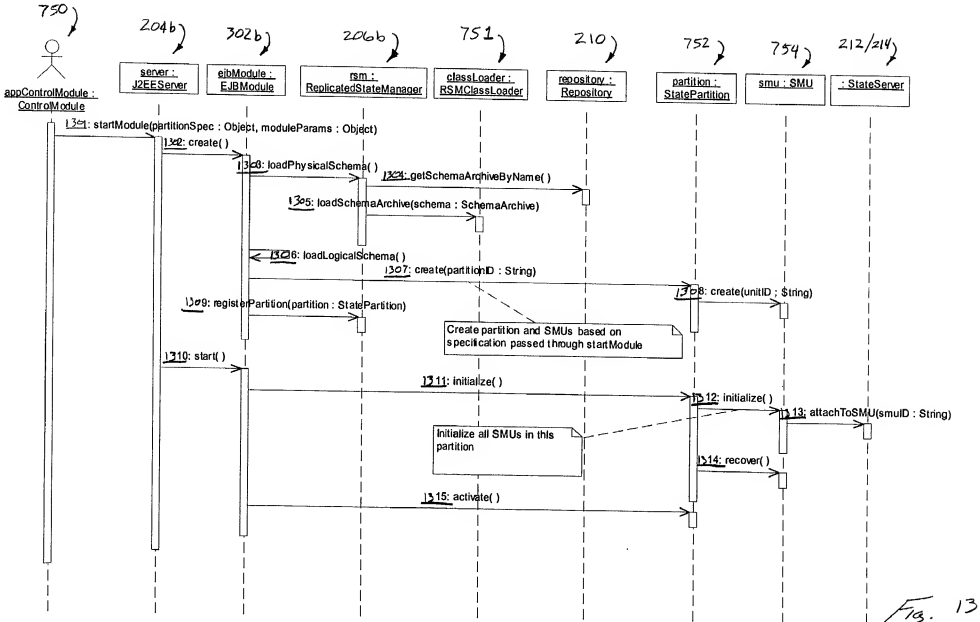

Fig. 13